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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/713,502	11/15/2003	Clair John Glossner III	YOR919990548US4 (8728-341)	9966
46069 7590 12/20/2007 F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797			EXAMINER PAN, DANIEL H	
			ART UNIT 2183	PAPER NUMBER
			MAIL DATE 12/20/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

AK

<b>Office Action Summary</b>	<b>Application No.</b> 10/713,502	<b>Applicant(s)</b> GLOSSNER ET AL.	
	<b>Examiner</b> Daniel Pan	<b>Art Unit</b> 2183	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 09 October 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 3,5-11,14,16-22,25 and 27-33 is/are pending in the application.
- 4a) Of the above claim(s) 1,2,12,13,15,23,24,26 and 34-60 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 3,5-11,14,16-22,25 and 27-33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |                                                                                                            |                                                                                         |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                                           | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

1. Claims 3,5-11,14, 16-22, 25,27-33 remain for examination. Claims 1,2, 12,13,15, 23,24,26,34-60 have been canceled. Upon further review, claims 25,27, 28, 29, 33 are further rejected under "101" for the reasons set forth below. Since this is a new ground of rejection to claims 25,27, 28, 29, and 33, this is a non-final action in order to allow applicant a chance to respond.

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims 25,27, 28, 29, 31, 32,33 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The reasons are given below.

3. As to claims 25,27, 28, 29, 31, 32,33 , no clear final result which is made available for use in the disclosed practical application nor being applied in the disclosed practical application can be found. The claim is reciting providing the vector data file and providing the pointer array and the storage elements of the vector data file are logically organized in matrix rows and columns and each entry storing the address representing the row and column. The application of storage of the address is not clear. The practical application of the logically organized matrix is unclear. Although claims further amended for accessing vector data file for the single storage element address according to the address of the pointer array, no details of access is being recited in the claims. Therefore, it is read as a generic function for the intended use. No clear practical application nor clear final result can be found.

4. Claims 3, 8, 9-11,14,19-22,25, 31,32,33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fossum et al. (4,888,679) in view of Birrittella (6,266,759).

5. Claims 7,16-18, 29,30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fossum et al. (4,888,679) in view of Birrittella (6,266,759) as applied to claims 3,14, 25 above, and further in view of Sakakibara (5,392,443).

6. Claims 5,6,27,28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fossum et al. (4,888,679) in view of Birrittella (6,266,759) and in view of Sakakibara (5,392,443).

7. As to the newly amended feature of entries grouped in addressable words by the address decoder corresponding to the vectors, Fossum also taught entries grouped in addressable words by the address decoder corresponding to the vectors (see the tag A as address correspond gin to the data word as addressable words in fig.2 , see also col.6, lines 20-68, col.7, lines 1-8 for detail description ).

8. The rejections under "103" have been maintained and incorporated by reference the last Office action on 07/09/07.

9. Applicant's response filed on 10/09/07 has been fully considered but is not persuasive.

10. In the remarks applicant argued that :

a) Fussum's entries are not grouped into addressable words;

b) Birrittella's calculation is not analogous to an addressable word corresponding to vector ;

c) Saakkibara's vector register unit did not store entries or pointers to a vector data.

11. As to a) above, see teaching of Fossum cited above.
12. As to b), Birrittella taught an arbitrary starting address which is applicable to any addressable word including a vector.
13. As to c), Saakkibara's vector register unit is applicable for storing entries or pointers to a vector data because it teaches modulo N for a vector (see col.18, lines 9-19).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dan Pan whose telephone number is 571 272 4172. The examiner can normally be reached on M-F from 8:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chan, can be reached on 571 272 4162. The fax phone number for the organization where this application or proceeding is assigned is 703 306 5404.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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